

**Calculate the HCF by Common factor method**

30 and 25	15 and 12
Factors of 30:	Factors of 15:
Factors of 25 :	Factors of 12:
Common factors :	Common factors:
HCF :	HCF:
24 and 20	28 and 21
Factors of 24:	Factors of 28:
Factors of 20 :	Factors of 21:
Common factors :	Common factors:
HCF :	HCF:

**Calculate the HCF by Prime factorization method**

27 and 15	35 and 42
27 =	42 =
15 =	35 =
HCF =	HCF =
45 and 30	62 and 27

45 =	62 =
30 =	27 =
HCF =	HCF =
<b>88 and 66</b>	<b>50 and 64</b>
88 =	64 =
66 =	50 =
HCF =	HCF =
<b>55 and 11</b>	<b>36 and 32</b>

55 =	32 =
11 =	36 =
HCF =	HCF =
<b>Solve the following questions in your notebook and give the answers in the boxes provided. Also observe the questions and give your reflection on them.</b>	
a) HCF of consecutive numbers	b) HCF of smallest two digit number and smallest three digit number
c) HCF of 3 <sup>rd</sup> and 4 <sup>th</sup> multiple of 5	d) HCF of the prime factors of 15.
<b><u>Reflection</u></b>	